NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.
2. DIMENSIONS MAY VARY +/- .25 INCH (.63 CM)

SPECIFICATIONS: OG-500

OXYGEN OUTPUT
500 SCFH @ 45 PSI
13.1 Nm/hr @ 310 kPa

OXYGEN DEWPOINT
-100 °F (-73 °C)

OXYGEN PURITY
93 % ± 3 %

AIR INLET
1" MNPT BULKHEAD

OXYGEN OUTLET FITTING
CGA 022 (OXYGEN B FITTING)

FEED AIR REQUIREMENTS
88 SCFM (AVG. FLOW)
At 90 PSIG INCOMING PRESSURE
2.31 Nm³ (AVG. FLOW) @ 621 kPa

AIR QUALITY REQ
ISO 8573.1 CLASS 1.4.1 MINIMUM (SEE BELOW)

SOUND LEVELS:
STANDARD (WITHOUT COVER) 70 dBA @ 1 M

DIMENSIONS:

STANDARD
46 IN x 36 IN x 89 IN (WxDxH)
116.8 CM x 91.4 CM x 226.1 CM (WxDxH)

APPROXIMATE WEIGHT:
STANDARD (NO COVER, NO FEET) 1800 LB (816 KG)

POWER REQUIREMENTS:
STANDARD (NORTH AMERICA) 115 VAC, 60 HZ, SINGLE PHASE, 1.0 A
OPTIONAL (INTERNATIONAL) 230 VAC, 50 HZ, SINGLE PHASE, 0.5 A

RESPONSE TIME
APPROXIMATELY 3 CYCLES TO ATTAIN MAXIMUM CONCENTRATION/PURITY AFTER INITIAL START-UP OR EXTENDED SHUTDOWN

POSITIONING
THE UNIT MUST BE OPERATED IN AN UPRIGHT POSITION ONLY, WITH NO OBSTRUCTION BLOCKING AIR FLOW AROUND THE UNIT, 6 IN MINIMUM

RECOMMENDED MINIMUM AIR STORAGE TANK (AST) SIZE 120 GALLONS

RECOMMENDED MINIMUM OXYGEN STORAGE TANK (OST) SIZE 120 GALLONS

SPECIFICATIONS: ISO 8573.1 CLASS 1.4.1

DIRT PARTICLES 1-5 MICRON 0

WATER PRESSURE DEWPOINT +37 °F (3 °C) (940 PPM AT 100 PSIG)

OIL CONCENTRATION (INCLUDING VAPOR) 0.01 (<= 3 PPM)

* A STANDARD CUBIC FOOT (SCF) IS A CUBIC FOOT OF GAS AT 14.7 PSIA (SEA LEVEL ATMOSPHERIC PRESSURE) AND 60 °F

OXYGEN OUTLET FITTING
CGA 022 (OXYGEN B FITTING)

POWER CORD 10' LONG

AIR QUALITY REQ
ISO 8573.1 CLASS 1.4.1 MINIMUM (SEE BELOW)

STANDARD (WITHOUT COVER) 70 dBA @ 1 M

OPTIONAL (INTERNATIONAL) 230 VAC, 60 HZ, SINGLE PHASE, 1.0 A

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At 90 PSIG INCOMING PRESSURE
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AIR QUALITY REQ ISO 8573.1 CLASS 1.4.1 MINIMUM (SEE BELOW)

SOUND LEVELS STANDARD (WITHOUT COVER) 70 dBA @ 1 M

DIMENSIONS:

STANDARD 46 IN x 36 IN x 89 IN (WxDxH)
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